

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Judith E. Schwabe

Assignee: Sun Microsystems, Inc.

Title: REMOTE INCREMENTAL PROGRAM VERIFICATION USING API

Filed:

DEFINITIONS Serial No.:

Examiner:

Jason D. Mitchell Group Art 2193

Unit: Docket No.: P-4172CNT

10/661,043

Monterey, CA May 31, 2006

September 12, 2003

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### SUBMISSION OF DOCUMENTS REQUESTED BY EXAMINER

Sir:

As per your request, please find enclosed copies of the following non-patent documents, which were first cited in the parent application for the above application.

#### FOREIGN DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY
1)	EP 0 685 792	05/24/1995	EP
2)	WO 98/19237	05/07/1998	wo
3)	WO 98/37526	02/19/1998	WO
4)	EP 0 718 761 A1	12/19/1995	EP
5)	WO 00/00890	01/06/2000	EP
6)	WO 01/14958	03/01/2001	FR

#### OTHER DOCUMENTS

7) David Basin "Java Bytecode Verification by Model Checking" System Abstract, pgs. 492-495 IT-Research Security (TZ/FE34)

CUNNISON, McKAY & HODGSON, LLLP. D West Office Pluza, Seite 220 1900 Garden Road Manuerry, CA 97940 (831) 655-0880 Pax (831) 655-0888



8)	Daniels, John et al., "Strategies For Sharing Objects in Distributed Systems" JOOP, Object Designers Ltd., UK, pages 27-36
9)	Chan, "Infrastructure of Multi-Application Smart Card", <a href="http://home.hkstar.com/~alanchan/papers/multiApplicationSmartCard/">http://home.hkstar.com/~alanchan/papers/multiApplicationSmartCard/</a> , July 25, 2002
10)	Chen, Zhiqun, "Java Card™ Technology for Smart Cards", Sun Microsystems, pages 11-16, June, 2000
11)	Ritchey, Tim, "Advanced Topics: The Java Virtual Machine", Java!, Chapter 14, pages 325-346, September 22, 1995
12)	Sun Microsystems, Inc., "Java Card™ 2.0 Language Subset and Virtual Machine Specification", October 13, 1997, Revision 1.0 Final.
13)	Sun Microsystems, Inc., "Java Card™ 2.0 Programming Concepts", October 15, 1997, Revision 1.0 Final.
14)	"Sun Delivers On Vision to Bring JAVA Technology to the Consumer and Embedded Market", Business Wire, September 28, 1999
15)	"Sun Microsystems Announces JAVACARD API", Business Wire, October 1996
16)	Sun Microsystems: "Sun's JAVA Technology Leads Open Worldwide Market for Smart Cards", M2, Presswire, May 1999
17)	George E. Necula, et al., "Proof-Carrying Code", November 1996, pp. 1-60
18)	Joachim Posegga, et al., "Byte Code Verification for Java Smart Cards Based on Model Checking", September 16-18, 1998, pp.176-190

If the Examiner has any questions concerning these documents, the Examiner is respectfully requested to contact the undersigned attorney for the applicant.

**CERTIFICATE OF MAILING** 

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 31, 2006.

Attorney for Applicant(s)

May 31, 2006

Date of Signature

Respectfully submitted,

Forrest Gunnison

Attorney for Applicant(s)
Reg. No. 32,899

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Judith E. Schwabe

Assignee: Sun Microsystems, Inc.

Title: REMOTE INCREMENTAL PROGRAM VERIFICATION USING API

DEFINITIONS

Unassigned

Serial No.: 10/661,043

Filed: September 12, 2003

Group Art 2184

Unit:

Docket No.: P-4172CNT

Examiner:

Monterey, CA July 1, 2005

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# UNDER §1.97(b)

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) wish to call the following documents (a copy of each non-US Patent reference is enclosed) to the attention of the Examiner:

#### U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME
1)	5,907,704	05/1999	Gudmundson et al.
2)	5,966,702	10/1999	Fresko et al.
3)	6,427,227	07/2002	Chamberlain
4)	6,434,744	08/2002	Chamberlain et al.
5)	6,363,488	03/2002	Ginter et al.
6)	5,748,980	05/1998	Lipe et al.
7)	5,724,272	03/1998	Mitchell et al.
8)	6,748,555	06/2004	Teegan et al

9)	6,742,177	05/2004	Dorak et al.
10)	6,721,941	04/2004	Morshed et al.
11)	6,708,324	03/2004	Solloway et al.

#### OTHER DOCUMENTS

1)	Czajkowski, Grzegorz et al., "JRes: A Resource Accounting Interface for Java", pages 21-35, ACM, Vancouver, B.C., 1998.
2)	Ostroff, Jonathan S., "Automated Modular Specification and Verification of Real-Time Reactive Systems", pages 108-121, IEEE, 1995.
3)	Abdulla, Parosh et al., "Verifying Programs with Unreliable Channels", pages 160-170, IEEE, 1993.

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

- an admission that the documents are necessarily prior art with respect to the instant invention;
- a representation that a search has been made, other than as described above; or
- an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

The Commissioner is hereby authorized to charge any fees required for consideration of this Information Disclosure Statement, and to credit any overpayment of fees to Deposit Account No. 50-0553.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 1, 2005.

Attorney for Applicant(s)

July 1, 2005

Date of Signature

Respectfully submitted,

Forrest Gunnison

Attorney for Applicant(s)

Reg. No. 32,899

(831) 655-0880

Sheet 1 of 1 JUL: 0 5 2005 Form PTO-1449 Serial No. Atty Docket No. P-4172CNT 10/661,043 INFORMATION SERLING CITATION Applicant(a) Judith E. Schwabe IN AN APPLICATION Filing Date Group September 12, 2003 2184 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE FILING DATE NAMR CLASS SUBCLASS INITIAL IF APPROPRIATE 5,907,704 05/1999 Gudmundson et al. AA 717 100 AB5,966,702 10/1999 Fresko et al. 707 07/2002 AC 6,427,227 Chamberlain 717 124 08/2002 AD 6,434,744 Chamberlain et al. 717 168 ΑE 6,363,488 03/2002 Ginter et al. 713 201 05/1998 AF 5,748,980 Lipe et al. 710 8 03/1998 Mitchell et al. AG 5,724,272 702 123 714 AH 6,748,555 06/2004 Teegan et al. 38 ΑI 6,742,177 05/2004 Dorak et al. 717 124 ΑJ 6,721,941 04/2004 Morshed et al. 717 127 AK 6,708,324 03/2004 Solloway et al. 717 124 FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO ALAM AN AΟ AΡ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) AR Czajkowski, Grzegorz et al., "JRes: A Resource Accounting Interface for Java", pages 21-35, ACM, Vancouver, B.C., 1998. Ostroff, Jonathan S., "Automated Modular Specification and Verification n of Real-Time Reactive Systems", pages 108-121, IEEE, 1995. Abdulla, Parosh et al., "Verifying Programs with Unreliable Channels", AT pages 160-170, IEEE, 1993.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Date Considered

Examiner

Page 1 of 1

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	С	5,022,028	6/4/91	Edmonds et al.			<u> </u>		
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	I	6,668,289	12/23/03	Cheng et al.		·			
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	K	6,202,070	3/13/01	Nguyen et al.				1	
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	D	6,466,947	10/15/02	Arnold et al.					
	E	6,519,767	2/11/03	Carter et al.					
	F	5,408,665	4/18/95	Fitzgerals				1	
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ŧ Page 1 of 1 Atty. Docket No. Serial No. 10/661,043 U.S. Department of Commerce SUN-P4172CNT Patent and Trademark Office Applicant: Judith E. Schwabe Information Disclosure Statement by Applicant Filed: Group: (Use several sheets if necessary) September 12, 2003 Unassigned **U.S. Patent Documents** Class Subclass Filing Date Init. Document No. Date Name 2/6/96 Miller 5,490,249 Α M 7/29/97 Miller В 5,652,835 ~ 10/15/02 6,466,947 Arnold et al. ۸\_\_ **Foreign Documents** Translation Class Init. Document No. Date Country Subclass Yes No Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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Atty. Docket No. Serial No. SUN-P4172CNT 10/661,043 U.S. Department of Commerce Patent and Trademark Office Applicant: Judith E. Schwabe Information Disclosure Statement by Applicant Group: (Use several sheets if necessary) September 12, 2003 Unassigned U.S. Patent Documents Class Filing Date Init. Document No. Date Name Subclass 5,701,408 12/23/97 Cornell et al. V 6/2/98 Smith, Jr. et al. 5,761,510 5/2/00 Meier et al. 6,058,393 6,067,639 5/23/00 Rodrigues et al. 6,230,312 5/8/01 Hunt 6,272,674 8/7/01 Holiday, Jr. 6,370,686 4/9/02 Delo et al. 6,418,554 7/9/02 Delo et al. 6.519.767 2/11/03 Carter et al. 6,539,539 3/25/03 Larsen et al. Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

Joseph Bergin et al., "Java Resources for Computer Science Instruction", ITiCSE Working Group Reports, 1998, pp. 14-34. John B. Bowles et al., "A Comparison of Commercial Reliability Prediction Program", IEEE, 1990, pp. 450-Richard Cooper, "Persistent Languages Facilitate the Implementation of Software Version Management", IEEE, 1989, pp. 56-65. Alois Ferscha et al. "Java Based Conservative Distributed Simulation", 1997, pp. 381-388. Ian Foster et al., "A Security Architecture for Computational Grids", 5th Conference on Computer & Communications Security, 1998, pp. 83-92. Peter Lindsay et al., "A Generic Model for Fina Grained Configuration Management Including Version Control and Traceability", IEEE, 1997, pp. 27-36. Date Considered Examiner Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation

if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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